

Recombinant Full Length Arabidopsis Thaliana Atp-Dependent Zinc Metalloprotease Ftsh 4, Mitochondrial(Ftsh4) Protein, His-Tagged

Cat. No. RFL5291AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ATP-dependent zinc metalloprotease FTSH 4, mitochondrial(FTSH4) Protein (O80983) (29-717aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (29-717)
Form	Lyophilized powder
AA Sequence	SSFPRVGVTGAVGGGGASLPRTFQSSYVGSFARRVRDREEVNEVAHLRELIRN DPEAV IRMFESQPSLHANASALSEYIKALVKVDRLDQSELVRTLQRGVAREEET FGGLGAFR NVGKPTKDGVLGTASAPIHTISTERTHFKEQLWSTIRTIGVGFLISGIGA LIEDRGIGK GLGLHEEVQPSMDSSTKFSDVKGVDEAKAELEEIVHYLRDPKRFTRLG GKLPGVLLVGP PGTGKTMLARAIAGEAGVPFFSCSGSEFEEMFVGVGARRVRDL FSAAKKCSPCIIFIDEI DAIGGSRNPKDQQYMKMTLNQMLVELDGFQKQNEGIIVVAAT NFPESLDKALVRPGRFDRH IVVPNPDVEGRRQILESHMSKVLKAEDVDLMIARGTP GFSGADLANLVNVAALKAAMDG SKDVTMSDLEFAKDRIMMGSERKSAVISDESRKL TAFHEGGHALVAIHTEGALPVHKATI VPRGMALGMVSQLPDKDETSISRKQMLARLD VCMGGRVAEELIFGESEVTSGASSDLEQA TKLARAMVTKFGMSKEVGLVAHNYDD

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NGKSMSTETRLIESEVKQLLEKAYNNAKTILTV YNKELHALANALLQHETLSGKQIK
ELLTDLNSPLLQKRQEVVTKQSNPVPSTPSSASSA AAAAAAAAAAAAAAAAAATAAT
KGKDMAPVS

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name FTSH4

Synonyms FTSH4; At2g26140; T19L18.5; ATP-dependent zinc metalloprotease FTSH 4, mitochondrial; AtFTSH4

UniProt ID [O80983](https://www.uniprot.org/entry/O80983)

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